Arduino Survival Tin

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TOOLS:

- Side cutters (1)
- Soldering iron (1)
- Solder reel (1)

PARTS:

- Arduino microcontroller, Uno or Duemilanove (1)
- Servo (generic), feather servos are good (1)
- tin; tobacco tins have their uses (1)
- micro speaker (1)
- led bundle,include led displays (1)
- Piezo Element (1)
- Memsic 2125 Dual-Axis accelorometer (1)
- switch bundle (1)
- Arduino programming cable. (1)
- bundle of infrared devices,include a Parallax PIR (1)
- Bundle of jumper leads. (1)
- transistor bundle,MOSFET's as well (1)
- micro motor (1)
- resistor bundle,include potentiometers and LDR's (1)

- Mini breadboard (1)

SUMMARY

This guide will show you how to build a survival tin, the Arduino way!

Step 1 — Arduino Survival Tin

- Be cautious when you work with Arduino boards as they are sensitive to static electrical discharge.

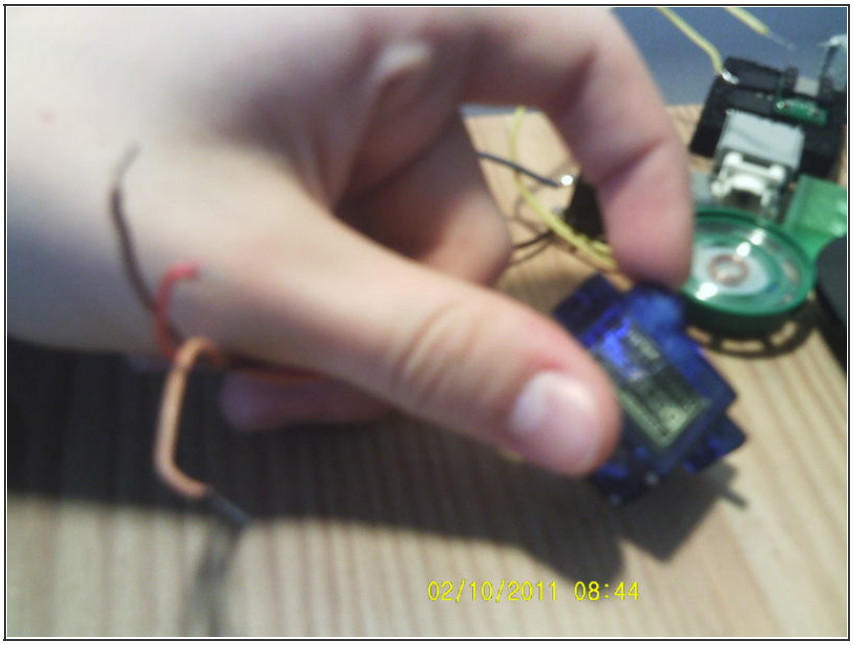
Step 2 — Gather parts from shops or out of old junk.

- I recommend Maplin and eBay.

Step 3 — Shortening leads.

- If your USB cable needs to be shorter, fire up the soldering iron!

Step 4 — Off-board components.



- Components such as servos will require tinned wires to connect to the Arduino. Back to the soldering iron!

Step 5 — Pack it all up!

- Get your tin and arrange the components in it.
- You might want to include a battery snap and battery in the tin.

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